WHAT IS CLAIMED IS:

1	1. An image transmission system, comprising:
2	a client comprising:
3	an image request section that requests
4	transmission of image data;
5	an output instruction section that instructs
6	output of an image data file of a general purpose format;
7	and
8	an output section that outputs the image data
5 9 9 5 10 10 10 10 10 10 10 10 10 10 10 10 10	file of the general purpose format designated as an output
J 10	file;
11	a server comprising:
J 12	high-resolution data as the image data file to
1 3	be transmitted;
14	a watermark insertion section that forms low-
<u>1</u> 15	resolution data as the general purpose format file of the
16	image data, to which an electronic watermark is given to
17	specify the high-resolution data as watermark information
18	whose resolution is reduced relative to said high-
19	resolution data; and
20	a distribution section that transmits the high-
21	resolution data, the low-resolution data, and a data
22	selection program that allows the client to execute a
23	watermark detection processing, wherein said data selection
24	program allows the client to detect existence of the
25	electronic watermark of the low-resolution data whose

- 26 output is instructed, to specify the high-resolution data
- 27 from the watermark information and to designate the high-
- 28 resolution data as the output file when the watermark
- 29 information is detected, and the low-resolution data is
- 30 designated as the output data when the watermark
- 31 information is not detected; and
- 32 a network that connects the client and the server.
- 1 2. The image transmission system according to
- 2 Claim 1, wherein said server further secretly holds a
- 3 secret key that encodes said high-resolution data,
 - said client further comprises a decoding section
 - 5 that decodes the encoded high-resolution data,
 - 6 said distribution section distributes said low-
 - resolution data, the encoded high-resolution data which is
- 7 4 8 made by encoding said high-resolution data, said data
- 1 selection program and said secret key to the client via the
 - 10 network, when the client requests transmission of the image
 - data file, and 11
 - 12 said data selection program allows said decoding
 - 13 section to decode said encoded high-resolution data by
 - 14 using said secret key, when the electronic watermark is
 - 15 detected in the client.
 - 1 3. The image transmission system according to
 - 2 Claim 2, wherein said server further includes a
 - 3 verification section that distributes said secret key when

- 4 the client who requests purchasing of data is verified to
- 5 be a right decoder of encoded data,
- 6 said distribution section distributes said low-
- 7 resolution data, the encoded high-resolution data and said
- 8 data selection program to the client via the network, when
- 9 the client requests transmission of the image data file,
- 10 and

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- said data selection program allows said client to
- 12 be subject to an instrument verification by said
- 13 verification section, when the electronic watermark is
- 14 detected in the client, and allows the decoding section to
- decode said encoded high-resolution data by using said
 - secret key, when the client is verified to be the right
 - decoder of the encoded data to receive the data.
 - 4. The image transmission system according to Claim 2, wherein said watermark insertion section further inserts the electronic watermark having the secret key as a
 - 4 watermark information, and
 - 5 said data selection program allows the client to
 - 6 obtain said secret key as one of extracted watermark
 - 7 information and allows the decoding section to decode the
 - 8 encoded high-resolution data by using said secret key, when
 - 9 the electronic watermark is detected in the client.
 - 1 5. An image transmission method, comprising the
 - 2 steps of:

3 forming low-resolution data as a general purpose 4 format file of image data by a server, to which an 5 electronic watermark is given to specify high-resolution data as watermark information whose resolution is reduced 6 relative to high-resolution data being an image data file 8 to be transmitted; 9 requesting transmission of the image data file by 10 a client connected with the server via a network; and 11 transmitting a program in which the server allows __12 the client to detect the high-resolution data, the low-13 14 resolution data, and existence of the electronic watermark of the low-resolution data whose output is instructed, and **=**15 the program that allows the client to execute a watermark # 116 detection processing of specifying the high-resolution data **1**7 from watermark information to designate the high-resolution **⊫18** data as an output file when the electronic watermark is **=**19 detected and designating the low-resolution data as the 20 output file when the electronic watermark is not detected.

6. A recording medium, wherein a program is recorded such that a server is enabled to read the program that allows said server connected with a client who requests transmission of an image data file via a network to execute a processing of forming low-resolution data as a general purpose format file of image data to which an electronic watermark is given to specify high-resolution

data as watermark information whose resolution is reduced

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9 relative to high-resolution data being an image data file 10 to be transmitted, and to execute a processing of 11 transmitting a program in which the server allows the 12 client to detect the high-resolution data, the low-13 resolution data, and existence of the electronic watermark 14 of the low-resolution data whose output is instructed, and 15 the program that allows the client to execute a watermark 16 detection processing of specifying the high-resolution data 17 from watermark information to designate the high-resolution __18 data as an output file when the electronic watermark is detected and designating the low-resolution data as the output file when the electronic watermark is not detected.